

Name LEY Block _____ Date _____

PRACTICE - Gateway #1 - Order of Operations
MUST SHOW WORK!! NO CALCULATOR!!

1. $50 \div 5 \cdot 5$

\checkmark
 $10 \cdot 5$
 $\boxed{50}$

2. $[20 - (6 + 2)] \div 2$

\checkmark
 $(20 - 8) \div 2$
 $12 \div 2$
 $\boxed{6}$

3. $\frac{10 + 15 \div 3 + 1}{7 - 3} = \frac{10 + 5 + 1}{4}$

$= \frac{16}{4} = \boxed{4}$

4. $[3 \cdot (-6 + 2\sqrt{36}) + 2] \div 4$

$[3 \cdot (-6 + 2 \cdot 6) + 2] \div 4$
 $[3 \cdot (-6 + 12) + 2] \div 4$
 $[3 \cdot 6 + 2] \div 4$
 $(18 + 2) \div 4$
 $20 \div 4 = \boxed{5}$

5. $\frac{1}{6}[4^2 - (5 - 7)]$

$\frac{1}{6}[16 - (-2)]$
 $\frac{1}{6}(16 + 2) = \frac{1}{6}(18) = \boxed{3}$